

WEST**Freeform Search****Database:**

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Term:

16 and 17

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USPT	16 and 17	2	<u>L8</u>
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USPT	14 same 15	135	<u>L6</u>
USPT	layer or repeat\$4	1187463	<u>L5</u>
USPT	11 same 12 same 13	1130	<u>L4</u>
USPT	(ion or anion or cation) adj exchange\$3	73899	<u>L3</u>
USPT	deposit\$3	423732	<u>L2</u>
USPT	metal	1016897	<u>L1</u>

WEST**Generate Collection****Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: US 5409677 A

L8: Entry 1 of 2

File: USPT

Apr 25, 1995

US-PAT-NO: 5409677

DOCUMENT-IDENTIFIER: US 5409677 A

TITLE: Process for separating a radionuclide from solution

DATE-ISSUED: April 25, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zinn; Kurt R.	Columbia	MO		

US-CL-CURRENT: 423/2; 376/189, 423/21.5, 423/24

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☒ 2. Document ID: US 4364803 A

L8: Entry 2 of 2

File: USPT

Dec 21, 1982

US-PAT-NO: 4364803

DOCUMENT-IDENTIFIER: US 4364803 A

TITLE: Deposition of catalytic electrodes on ion-exchange membranes

DATE-ISSUED: December 21, 1982

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nidola; Antonio	Milan			ITX
Martelli; Gian N.	Milan			ITX

US-CL-CURRENT: 205/161; 204/252, 204/283, 204/296, 205/316, 427/304

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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Term	Documents
(6 AND 7).USPT.	2

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L8: Entry 2 of 2

File: USPT

Dec 21, 1982

DOCUMENT-IDENTIFIER: US 4364803 A

TITLE: Deposition of catalytic electrodes on ion-exchange membranes

BSPR:

The presorbed amphoteric compounds have been found instrumental in producing a more finely dispersed and uniform deposition of the first metal layers, which is essential to obtaining good and continuous coverage of the membrane surface to be coated and an exceptionally durable bond between the membrane and the metal layer. During the repeated deposition of the additional metal layers, the sorbed groups become progressively lost in the aqueous solutions and practically none remains after a final soaking and rinsing of the coated membrane in water.

CLPR:

17. An electrolytic cell which comprises a pair of opposed electrodes separated by an ion-exchange membrane, at least one of said electrodes comprising a porous continuous layer of a platinum group metal on one side of the membrane and a further electrode surface layer on the platinum metal wherein the platinum metal is deposited by chemical reduction according to the method of claim 1.